

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/011004

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C311/16 C07C311/29 A01N41/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 179 985 A (DU PONT DE NEMOURS AND CY,US; DU PONT DE NEMOURS AND CY) 23 November 1973 (1973-11-23) page 14; example 5	1,7,9, 11,12
X	US 3 997 603 A (MARTIN ET AL) 14 December 1976 (1976-12-14) example 5	1,7-9, 11,12
X	EP 0 033 984 A (DUPHAR INTERNATIONAL RESEARCH B.V) 19 August 1981 (1981-08-19) cited in the application compounds 21,22	1-17
A	EP 0 778 267 A (OTSUKA KAGAKU KABUSHIKI KAISHA) 11 June 1997 (1997-06-11) the whole document	1-17

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

17 February 2005

Date of mailing of the international search report

23/02/2005

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Information on patent family members

International Application No

PCT/EP2004/011004

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2179985	A	23-11-1973	US 3888897 A	10-06-1975
			AR 197132 A1	15-03-1974
			AU 5419673 A	10-10-1974
			FR 2179985 A1	23-11-1973
			GB 1421811 A	21-01-1976
			IT 981616 B	10-10-1974
			JP 49007428 A	23-01-1974
			US 3997603 A	14-12-1976
US 3997603	A	14-12-1976	US 3888897 A	10-06-1975
			AR 197132 A1	15-03-1974
			AU 5419673 A	10-10-1974
			FR 2179985 A1	23-11-1973
			GB 1421811 A	21-01-1976
			IT 981616 B	10-10-1974
			JP 49007428 A	23-01-1974
EP 0033984	A	19-08-1981	AR 226871 A1	31-08-1982
			AT 7787 T	15-06-1984
			AU 6636081 A	30-07-1981
			BR 8100281 A	04-08-1981
			CA 1167043 A1	08-05-1984
			CS 219348 B2	25-03-1983
			DD 157071 A5	13-10-1982
			DE 3162624 D1	12-07-1984
			DK 24181 A	24-07-1981
			EP 0033984 A1	19-08-1981
			ES 8200654 A1	01-02-1982
			ES 8201965 A1	01-04-1982
			GR 72782 A1	05-12-1983
			HU 186379 B	29-07-1985
			IE 50835 B1	23-07-1986
			IL 61942 A	29-11-1985
			JP 56120664 A	22-09-1981
			NZ 196046 A	12-04-1983
			PL 229285 A1	13-04-1982
			RO 81451 A1	02-04-1984
			SU 1093247 A3	15-05-1984
			US 4379157 A	05-04-1983
			YU 14981 A1	31-10-1983
			ZA 8100382 A	24-02-1982
EP 0778267	A	11-06-1997	EP 0778267 A1	11-06-1997
			WO 9700857 A1	09-01-1997
			JP 9227501 A	02-09-1997